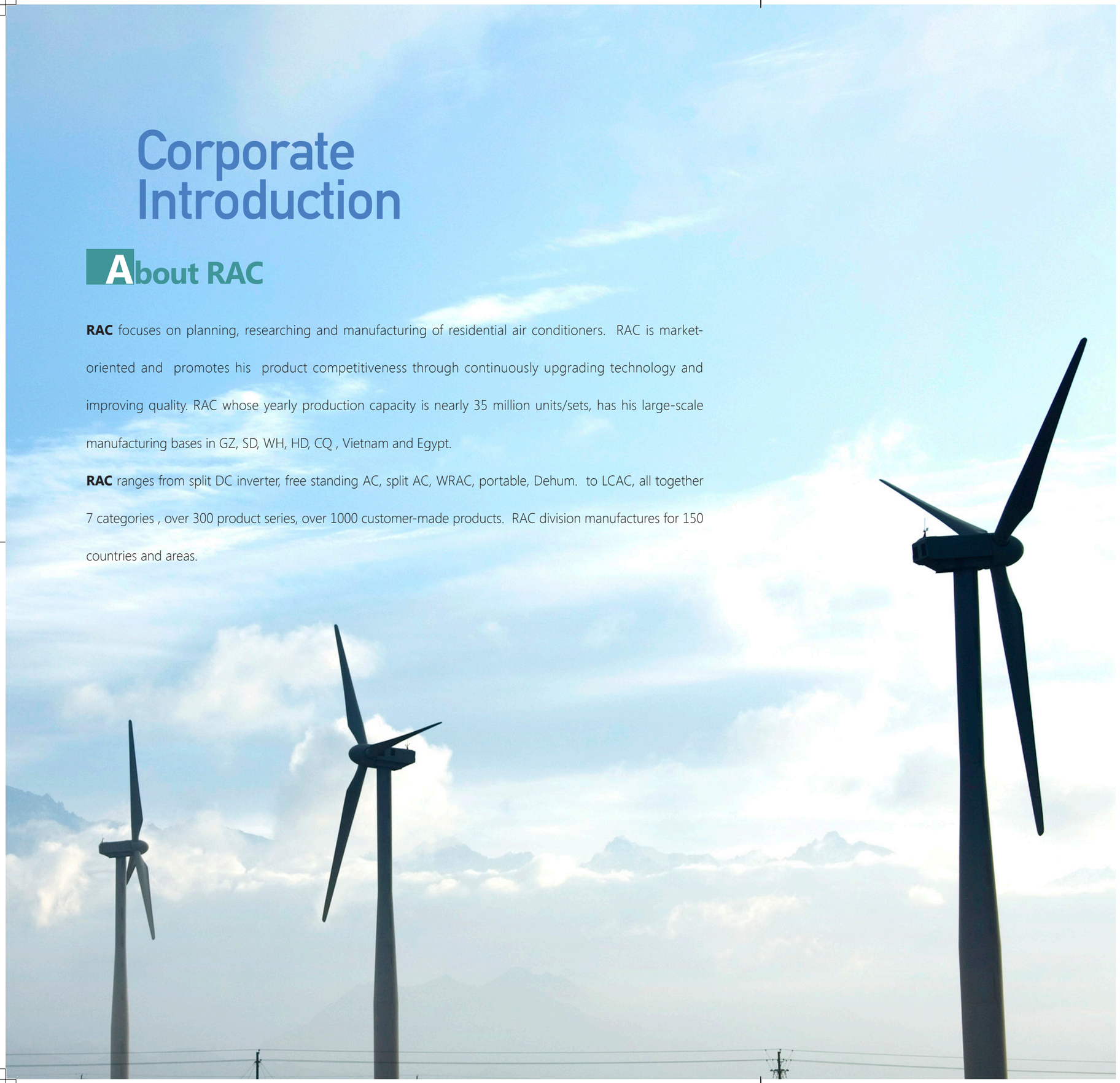
Corporate Introduction

About RAC

RAC focuses on planning, researching and manufacturing of residential air conditioners. RAC is market-oriented and promotes his product competitiveness through continuously upgrading technology and improving quality. RAC whose yearly production capacity is nearly 35 million units/sets, has his large-scale manufacturing bases in GZ, SD, WH, HD, CQ , Vietnam and Egypt.

RAC ranges from split DC inverter, free standing AC, split AC, WRAC, portable, Dehum. to LCAC, all together 7 categories , over 300 product series, over 1000 customer-made products. RAC division manufactures for 150 countries and areas.



R&D Support

Capital Investment

Annual R&D investment accounts for 3% of sales revenue

Advanced Facility

R & D centers
National-level laboratories

Professionals

Annual prize incentive for technology innovation
Professional R&D talents
Postdoctoral workstation

Manufacture

Key components made by Midea

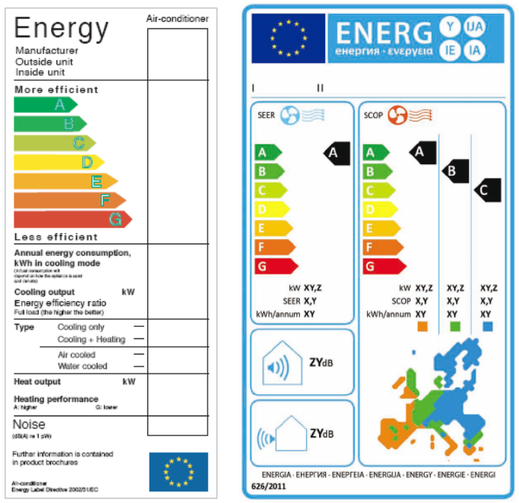
Mold	600 sets/Year
Compressor	40 million units/Year
Motor	79 million units/Year

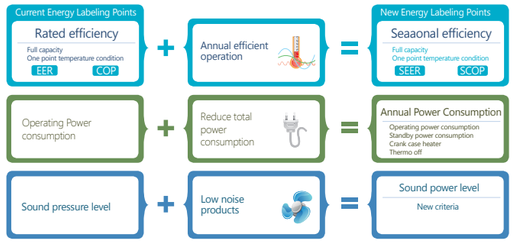
Quality Managment

ISO 9001 & ISO14001 certified
Strategic partnership with UL since 2002
Five laboratories awarded WTDP by UL since 2002
Strategic partnership with TUV and LGA
ITS RoHS Compliance Scheme Awarded
6 Sigma Implementation

Energy Saving

Current Energy Label **New Energy Label**





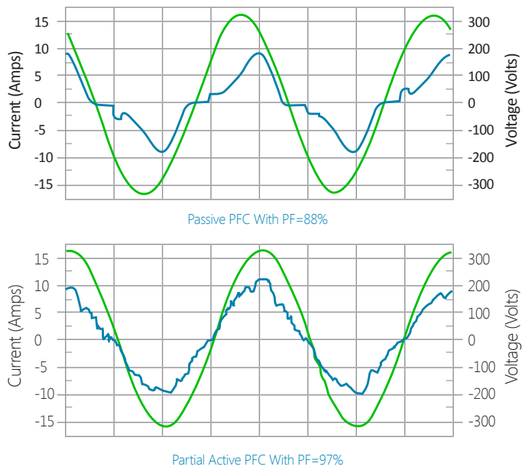
High Efficiency

Midea models from residential to commercial are reaching New class A ranking, the highest level that is now shown on energy label in Europe union.

New Energy Labelling Requirement (EU) 626/2011

- Three climate zones for heating (Average zone is mandatory, warmer and colder zone are voluntary)
- Seasonal efficiency (performance based on multiple part loads calculation) Sound power level
- Rated efficiency indicates performance only at a rated condition.

Seasonal efficiency indicates performance at an entire cooling and heating season, which better matches the actual operation.



Passive PFC With PF=88%

Partial Active PFC With PF=97%

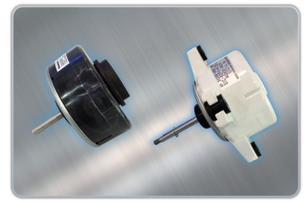
Power Factor Correction (PFC) Technology

With advanced partial active PFC control, the input current waveform and voltage waveform get phase synchronization, more than 97% of the input power supply is used effectively, which greatly improve power transformation efficiency.

Energy Saving

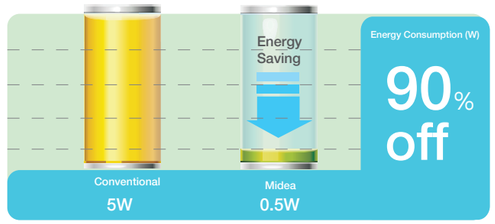
Brushless DC Fan Motor

The brushless DC fan motor allows fine rotation control, which reduces energy consumption. The efficiency of brushless DC motor is up to 35% higher than that of the equivalent AC motor.



0.5W Standby

Intelligent on-off technology enables Midea products automatically enter energy-saving mode when on standby mode, cut energy consumption from conventional 5W to 0.5W which counts 90% of saving.



Refrigerant Leakage Detect

The indoor unit will display error code "EC" when the system detects refrigerant leakage. This new technology can better protect the compressor.

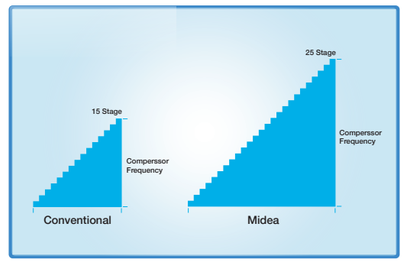
Intelligent Anti-cold-air Function

Conventional anti-cold-air function works only by evaporator temperature.

Midea intelligent anti-cold-air function works by both evaporator and ambient temperature, more accurate control ensure comfortable feeling.

Wide Operation Range

Up to 25 stages (F1~F25) of compressor frequency, and frequency range increased around 70%. More comfortable and energy saving due to smooth and accurate control.
With advanced frequency-adjusting technology, compressor preheating function and the electrical heating belts, the unit can operate heating as low as -20°C.



Stages of compressor frequency

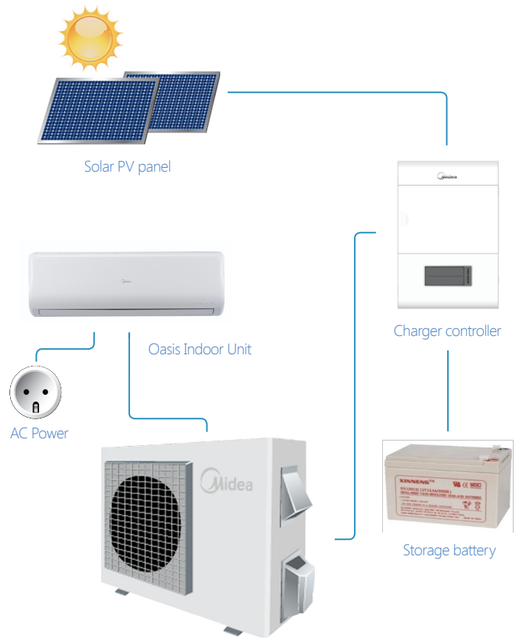
Solar DC Inverter

Environment-friendly energy

Solar energy is a clean and renewable energy. Midea's new technology allows storage battery to be paired up with system to store additional solar power in daytime and release it at night, which can make full use of solar energy.

Intelligence control

The system will take priority to use solar power to save energy at maximum level. You can check the working modes, voltage and current to know energy consumption timely from the charger controller.

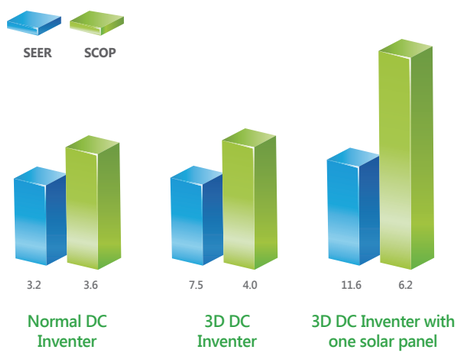


3D DC inverter, high efficiency

Great efficiency improvement for EER when using solar panels.
Meanwhile,the AC can reach A++ when only the commercial power is supplied.(Based on EU new energy regulation)

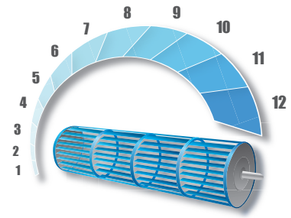
Easy installation and service

Module design makes installation and service more convenient.
It is flexible for you to install 1~3 pieces of solar PV panels with total power maximum 650W.



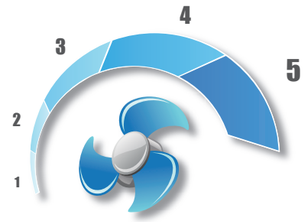
Comfort

Multi-indoor fan speed



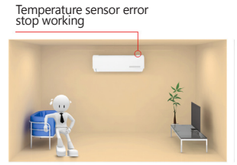
With up to 12 indoor fan speeds, a more comfortable air flow is provided.

5Grades outdoor fan speeds

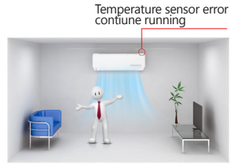


Due to the DC fan motor, outdoor fan speeds increased from 2 grades to 5 grades, more comfortable and energy saving.

Emergency using function

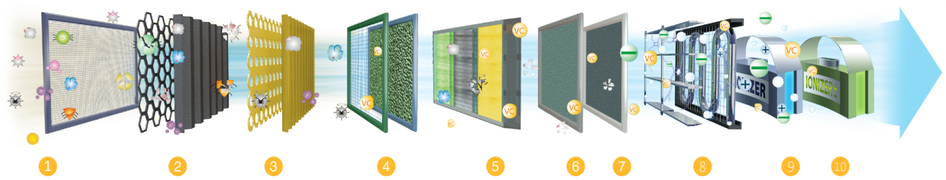


When temperature sensor error happens, the air conditioner will display error code and stop immediately.



When temperature sensor error happens, the air conditioner will display error code and continue running in a proper status instead of stopping immediately, to avoid the case that the air conditioner is in urgent need.

Fresco Tech



Midea's Fresco Tech brings you clean and refreshing air and fills your room with the soothing scent of nature.

Silver Ion Filter
Kill bacteria by destroying their inner-configuration and absorbing their elements in cells.

Cold Catalyst Filter
Eliminate formaldehyde and other volatile organic compounds (VOCs) as well as harmful gases and odors.

Vitamin C Filter
Stop ultraviolet rays, inhibit oxidation effect of freckle, eliminate active oxygen to protect and beautify the skin.

Bio Filter
Consist of specialized biological enzyme and HEPA filter.Catch small dust particles, bacteria, fungi and microbe,eliminate bacteria by dissolving their cell wall.

Compound Filter
Combine functions of two or three different filters to meet various needs simultaneously.

3M HAF Filter
Open hole structure with charged electrostatic ensure maximum air flow and minimum pressure drop.

Negative Ion Filter
Release negative ion to purify air, sterilize bacteria and eliminate tiredness.

Plasma Dust Collector
Generate a high voltage electrostatic zone, absorb and eliminate dust,smoke and pollen particles.

Super Ionizer & Ionizer
Release negative ions, eliminate odor, dust, smoke and pollen particles to give you fresh and healthy air.

Health

Silver Ion Filter

Kill bacteria by destroying their inner-configuration and absorbing their elements in cells.

Cold Catalyst Filter

Eliminate formaldehyde and other volatile organic compounds (VOCs) as well as harmful gases and odors.

Vitamin C Filter

Stop ultraviolet rays, inhibit oxidation effect of freckle, eliminate active oxygen to protect and beautify the skin.

Bio Filter

Consist of specialized biological enzyme and HEPA filter.Catch small dust particles, bacteria, fungi and microbe,eliminate bacteria by dissolving their cell wall.

Compound Filter

Combine functions of two or three different filters to meet various needs simultaneously.

3M HAF Filter

Open hole structure with charged electrostatic ensure maximum air flow and minimum pressure drop.

Negative Ion Filter

Release negative ion to purify air, sterilize bacteria and eliminate tiredness.

Plasma Dust Collector

The Plasma Dust Collector generates an high voltage electrostatic field. The air passing through this zone is converted to plasma, and 95% of the dust, smoke and pollen particles are attracted to the electrostatic filter.

Super Ionizer & Ionizer

Release negative ions, eliminate odor, dust, smoke and pollen particles to give you fresh and healthy air.

Fresh Air

Fresh air intake makes air quality healthier and more comfortable.

Self-Cleaning

When this function is activated, firstly the indoor unit operates as Fan-only mode with low fan speed, during this period the condensed water will take some dust on evaporator fins away. After that the unit turns to heating operation with low fan speed which drys the inside of indoor unit. Finally it turns to fan-only mode and blows away the wet air. The whole process cleans the internal side of indoor unit and prevents the breeding of bacteria.

Reliability

Heating Belt(Outdoor)

With a PTC heating belt fitted on the base plate of the outdoor unit, the rain, snow or defrosted water accumulating on the base plate is avoided.

Self-diagnosis Function

Monitoring some abnormal operations or parts failures, microcomputer of the air conditioner will switch off and protect the system automatically. Meanwhile, the error or protection code will be displayed on the indoor unit.

Low Ambient Cooling

The air conditioner with a special built-in Low Ambient Kit can be used in temp. as low as -15˚C for cooling operation.

Valve Protection Cover

The cover protects the valves against impact during transportation. Furthermore, it also prevents the condensed water on the valve from dripping.

Refrigerant Leakage Detect

With this new technology, the indoor unit will alarm when the outdoor unit detects a condition of refrigerant leakage.

Golden Fin

The Golden hydrophilic condenser can improve the heating efficiency by accelerating the defrosting process. The unique anticorrosive golden coating on the condenser can withstand the salty air, rain and other corrosive elements.

Comfort

8˚C Heating

In heating operation, the preset temperature of the air conditioner can be as lower as 8°C, which keeps the room temperature steady at 8°C for in winter.

Follow Me

With this technology, a temperature sensor is built in the remote controll. When you stay close to the remote controll, the unit will automatically change the operation mode to supply comfortable temperature just like the air conditioner is following you.

Horizontal & Vertical Auto Swing

The design of large louvers, with wide swing angle range, Guiding the cool or warm air to every corner of the room.

Independent Dehumidification

The individual dehumidification mode dehumidifies the room efficiently, but not lower the temperature so obviously as cooling operation.

Turbo Operation

With this function, the air conditioner will maximize the output of cooling or heating capacity, make the room cool down or heat up rapidly, and attain the desired temperature in the shortest time.

Intelligent Anti-Cold-Air

When starting the heating operation, the fan speed is regulated automatically from the lowest grade to the preset level, according to the temperature rising of evaporator. This function can prevent cold air blowing out at the beginning of the operation, which avoids the discomfort to the user.

Quite Design

Without decreasing the airflow volume and capacity output, large diameter cross flow fan can bring down the indoor unit noise level by lowering the fan speed. according to the temperature rising of evaporator. This function can prevent cold air blowing out

Two-Direction Airflow

Due to the density of cold and warm air is different, in cooling mode the indoor unit blows out cool air horizontally while vertically of that in heating mode. This technology makes the room temperature more consisten and comfortable during the operation.

Temperature Compensation

Based on different installation height of indoor unit, the temperature deviation of the sensor sensed against the actual floor temperature always is different. Changing the jumping wires combination on the indoor PCB is possible to compensate the deviation. This could be achieved by installer in the installation field.

Comfort

360° Air Flow Panel

360° air outlet makes equal,fast and wide-range cooling.

Auto Swing

Distributes cool/warm air to a maximum area by moving horizontal flaps automatically.

Multi Indoor Fan Speeds

With up to 12 indoor fan speeds, a more comfortable air flow is provided.

Bucket Free Design

Bucket free design(Slinger-up system) brings sophisticated cooling power.

5 Grades outdoor fan speeds

Due to the DC fan motor, outdoor fan speeds increased from 2 grades to 5 grades, more comfortable and energy saving.

Energy Saving

Multi-bend Evaporator

Within compact internal space of indoor unit, multi-bend evaporator helps increase heat exchange surface for improving efficiency.

Sleep Mode

This function enables the air conditioner to automatically increase (cooling) or decrease(heating) 1˚C per hour for the first two hours, then holds steady for the next 5 hours, after that it will switch off. This characteristic maintains both energy saving and comfort in night operation.

Intelligent Eye Detector

With the built-in infrared sensor,the indoor unit detects human movement.The AC will turn off if you leave the room for 30 minutes and turn on when you come back,which helps saving more energy.

1W Standby

Intelligent on-off technology enables Midea products automatically enter energy-saving mode when standby, cut energy consumption from normal 4-5W to 1W which counts 80% of saving.

Features

Convenince

Mono & Multi Compatible

Compatible indoor unit for both mono and multi inverter system.It comes in handy for warehouse and stock administration.

Louver Position Memory Function

When you start the unit next time, the angle of horizontal louver will automatically move to the same position as you set last time.

Wired Controller

Compared with infrared remote controller, Wired Controller can be fixed on the wall and avoid mislaying. It's mainly used for commercial zone and makes airconditioner control more convenient.

Auto-Restart

If the air conditioner breaks off unexpectedly due to the power cut, it will restart with the previous function setting automatically when the power resumes.

Washable Filter

With the washable designed filter, it makes the cleaning process much easier.

Convenient Handle

Ergonomical handle makes the carrying much easier and convenient.

Transparent Water Level Indication

Iindicats the water level evidently and shows the need of draining.

Timer

The timer can be set to start and stop at any point in a 24-hour period.

Optional Panels

Varied panels are available for choose.

Built-in Drain Pump

The drain pump can lift the condensing water up to 750mm upmost.

Cleanable Panel

Front panel of the indoor unit is easy to be detached for periodic cleaning.

2 Ways Piping Connection

Both left and right sides of the indoor unit are possible for outstretch of connective piping and drainage hose

Omni-directional Caster

With the integrated swivel casters,make this portable AC easier to move.

Model Code

Residential

M S 1A I – 12 H R F N1 – Q R D2 F

M — Midea

S — Unit Type

- S Split Wall-mounted
- P Portable
- D Dehumidifier
- W Window
- F Floor Standing
- O Outdoor

1A — Product Series

- 11P Premier Series
- 1A Alps Series
- Y Y Series
- 11M Oasis Series

I — Connect Type

- I Multi Type
- Omit Single Type

12 — Special Function

Air Conditioner: Cooling Capacity (x1000Btu/h)
Dehumidifier: Moisture Removal Volume (L/day)

H — Function Code

- C Cooling only
- H Heat Pump
- A Heat Pump with Electric Heater
- E Cooling & Electric

R — Control Mode

- W Wire Control
- M Mechanical Control
- E Electric Control
- R Remote Control

F — Inverter Type

- F Full DC Inverter
- D DC Inverter
- I AC Inverter
- Omit ON/OFF

N1 — Refrigerant

- N1 R410A
- N2 R407C
- N3 R134a
- Omit R22

Q — Power Code

- Q Power Supply 220-240V~,50Hz, 1Phase
- R 380-420Vx~, 50Hz, 3Phase
- S 380V~, 50Hz, 3Phase

R — Seasonal efficiency

D2 — SCOP Code

- A0-A9 SCOP 1.0-1.9
- B0-B9 SCOP 2.0-2.9
- C0-C9 SCOP 3.0-3.9
- D0-D9 SCOP 4.0-4.9

F — Special Function

- F Ionizer
- L Low Ambient Kit
- H Fresh Air
- Q Quicker Connect
- W Outdoor Power Supply

Light Commercial (Indoor Unit)

M C D – 24 H R F N1 – Q R C4

M — Midea

C — Product Category

- C Cassette Type
- T Duct Type
- H High Static Pressure Duct Type
- U Ceiling & Floor Type
- F Console

D — Designed Time

- A 1st Designed
- B 2nd Designed
- C 3rd Designed
- D 4th Designed

24 — Capacity

Cooling Capacity (x1000Btu/h)

Model Code

H Function Code

C	Cooling only
H	Cooling & Heating

R Control Mode

W	Wire Control
R	Remote Control

F Inverter code

F	Full DC Inverter
D	DC Inverter
Omit	ON/OFF

N1 Refrigerant

N1	R410A
Omit	R22

Q Power Code

	Power Supply (V-Hz-Ph)
Q	220-240V~, 50Hz, 1Phase
R	380-420V~, 50Hz, 3Phase

R Seasonal efficiency

C4 SCOP Code

A0-A9	SCOP 1.0-1.9
B0-B9	SCOP 2.0-2.9
C0-C9	SCOP 3.0-3.9
D0-D9	SCOP 4.0-4.9

Light Commercial (Outdoor Unit)

M OU B – 36 H F N1 – Q

M Midea

OU Universal Outdoor Unit

O	Outdoor Unit
U	Universal

B Designed Time

A	1st Designed
B	2nd Designed
C	3rd Designed
D	4th Designed

36 Capcaity

Cooling Capacity (x1000Btu/h)

H Function Code

C	Cooling only
H	Cooling & Heating

F Inverter Type

F	Full DC Inverter
D	DC Inverter
Omit	ON/OFF

N1 Refrigerant

N1	R410A
Omit	R22

Q Power Code

	Power Supply (V-Hz-Ph)
Q	220-240V~, 50Hz, 1Phase
R	380-420V~, 50Hz, 3Phase

Remote Control

Lineup 2013

Split	Series	Scop 4.1	Scop 4.0	Scop 3.8	Scop 3.4	
	Solar	12K				15-16
	Premier		9K	12K		17-18
	Alps	9K 12K				19-20
	Oasis	9K 12K	9K 12K	18K		21-22
	Luna				9K 12K 18K 24K	23-24
	R				9K 12K 18K 24K	25-26

Multi Outdoor	1 Drive 2	1 Drive 3	1 Drive 4	
	18K			27-30
		27K		27-30
			36K	27-30

Lineup 2013

Light Commercial	Series	Scop 3.4	
	Super Slim Round Flow Cassette	18K 24K 36K(1Phase) 36K (3Phase)	31-32
	3rd generation ceiling & floor	18K 24K 36K(1Phase) 36K (3Phase)	33-34
	Duct	18K 24K 36K(1Phase) 36K (3Phase)	35-36

Portable	Series	Btu/h		
	PD	9K	12K	37-38

Dehumidifier	Series	L/day				
	DG	10L/day	16L/day	20L/day	30L/day	39-40

Features

Features: Standard Optional

- Louver Position Memory Function
- Auto Restart Function
- Temp Compensation
- Refrigerant Leakage Detect
- Multi indoor * fan speeds
- Turbo Mode
- Intelligent Anti-cold-air Function
- Emergency Using Function
- 5Grades Outdoor Fan Speeds
- Wide Operation Range
- Low Ambient Cooling
- Self-cleaning
- VitaminC Filter
- Horizontal & Vertical Auto Swing
- Bio Filter
- Golden Fin
- Silver Ion Filter
- Plasma
- 8°C Heating
- Ionizer
- Quiet Design
- Follow Me
- Short Cut Function

Note:
Multi Indoor Fan Speeds: Standard for Super DC Inverter models.
Mono & Multi Compatible: Standard for 9K, 12K, 18K Btu units of Super DC Inverter and DC Inverter model.

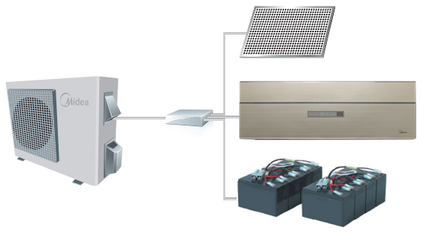
Specification_ Solar (Super DC Inverter)

Indoor Unit			MS11MU-12HRFN1-QRD1W(A)
Outdoor Unit			MOC-12HFN1-QRD1W
Capacity	Power supply	V~, Hz, Ph	220-240V, 50Hz, 1Ph
	Pdesignc	Btu/h	12624
		kW	3.70
	Pdesignh	Btu/h	13341
		kW	3.91
Performance	SEER (Average)	W/W	6.59
	Energy Rate	Cooling	A++
	SCOP(Average)	W/W	4.1
	Energy Rate	Heating	A+
	Tbivlent	°C	-10
	Tol	°C	-15
	Air Flow Volume (m3/h)	Indoor	800/700/550
	Sound Power Noise Level (dB(A))	Indoor(Hi)	55
		Outdoor	60
Dimension & Weight & Piping size	Net Dimension (mm)	Indoor (W*H*D)	990*315*218
		Outdoor (W*H*D)	760*590*285
	Net Weight (kg) Packing Dimension (mm)	Indoor/Outdoor	11.5/35
		Indoor (W*H*D)	1065*400*300
		Outdoor (W*H*D)	887*645*355
	Gross Weight (kg)	Indoor/Outdoor	14/38
	Piping Size (mm(inch))	Liquid	Ø6.35
		Gas	Ø9.52
Applicable area & Stuffing Qulity	Applicable Area (m2)		20-30
	Stuffing Quantity (Set)	20'/40'/40'HQ	80/173/199

Remark:
1.The above design and specifications are subject to change of product improvement without prior notice .
2.The noise level data reflects the level in anechoic chamber .

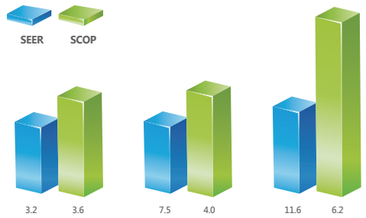
Intelligent Solar System

Ease of connection between panels and outdoor unit is possible with the integrated connector.
Customers can determine the number and the rated output of solar panels to build a most cost-efficient system.



Clean

Great efficiency improvement for SEER/SCOP when using solar panels. Meanwhile,the AC can reach A++ when only the commercial power is supplied.(Based on EU new energy regulation)



NEW Fashion Design

Super DC Inverter

SCOP A+

Premier split

Compact Design and Sleek Appearance

Super slim design, fashion metal wire drawing and sliding panel, make this appliant another visual enjoyment to your home decoration.

Intelligent Eye Detector (Optional)

Optional

With the built-in infrared sensor,the indoor unit detects human movement. The AC will turn off if you leave the room for 30 minutes and turn on when you come back,which helps saving more energy.

Horizontal and Vertical Louver Auto Swing

Distributes a stream of air to a wider area by combining the vertical and horizontal auto-swing patterns.

Built-in Infrared Sensor
ON
Start the AC with Intelligent Eye Function
OFF
30 minutes elapsed with no person detected in room, the AC will turn off itself
ON
When you come back, the AC will detect the infrared ray and restart automatically

Features

Features: Standard Optional

- Auto Restart Function
- Louver Position Memory Function
- Temp Compensation
- Refrigerant Leakage Detect
- Cold Catalyst Filter
- 1W Standby
- Multi indoor * fan speeds
- Mono & Multi * Compatible
- Horizontal & Vertical Auto Swing
- Intelligent Anti-cold-air Function
- Emergency Using Function
- Turbo Mode
- 5Grades Outdoor Fan Speeds
- Wide Operation Range
- Ionizer
- Low Ambient Cooling
- LCD Display
- Self-cleaning
- 8°C Heating
- Golden Fin
- Silver Ion Filter
- Intelligent Eye Detector
- VitaminC Filter
- Bio Filter
- Heating Belt (outdoor)
- Follow Me
- Quiet Design
- Short Cut Function

Specification_ Premier (Super DC Inverter)

Indoor Unit			MS11PU-09HRFN1-QRD0W	MS11PU-12HRFN1-QRD0W(B)
Outdoor Unit			MOC1-09HFN1-QRD0W	MOC1-12HFN1-QRD0W
Capacity	Power supply	V~, Hz, Ph	220-240V, 50Hz, 1Ph	220-240V, 50Hz, 1Ph
	Pdesignc	kW	2.8	3.6
	Performance	kW	3.1	3.8
Performance	SEER (Average)	W/W	7.0	6.3
	Energy Rate	Cooling	A++	A++
	SCOP(Average)	W/W	4.0	4.0
	Energy Rate	Heating	A+	A+
	Tbivlent	°C	-10	-7
	Tol	°C	-15	-15
	Air Flow Volume (m3/h)	Indoor	750/580/440	750/580/440
	Sound Power Noise Level (dB(A))	Indoor(Hi)	51	51
		Dimension & Weight & Piping size	59	59
Dimension & Weight & Piping size	Net Dimension (mm)	Indoor (W*H*D)	898*298*148	898*298*148
		Outdoor (W*H*D)	760*590*285	760*590*285
	Net Weight (kg)	Indoor/Outdoor	10/35	10/36
	Packing Dimension (mm)	Indoor (W*H*D)	960*370*250	960*370*250
		Outdoor (W*H*D)	887*645*355	887*645*355
	Gross Weight (kg)	Indoor/Outdoor	13/37	13/38
	Piping Size (mm(inch))	Liquid	Ø6.35	Ø6.35
		Applicable area &Stuffing Qulity	Ø9.53	Ø9.53
Applicable area &Stuffing Qulity	Applicable Area (m2)		16-24	20-30
	Stuffing Quantity (Set)	20'/40'/40'HQ	93/198/230	93/198/230

Remark:
1.The above design and specifications are subject to change of product improvement without prior notice .
2.The noise level data reflects the level in anechoic chamber .

Super DC Inverter SCOP A+

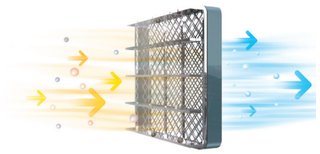
Alps split

Ultra High Efficiency

Midea's optimized refrigeration system is built by excellent compressor, high-efficiency motor and 4-bend heat exchanger. The energy consumption can be reduced by 30% compared with the energy Class A in common.

Super PLASMA Air Purifier Optional

The PLASMA zone is a high voltage electrostatic generation field. With the larger size, Super PLASMA Air Purifier creates more air circulation and increases the quality of air purification.



Super-Silent Airflow System

Besides the technology of controlling the airflow volume and capacity output, a large diameter cross-flow fan can minimize the noise level of the indoor unit by lowering fan speed and optimizing air flow.

Features

Features: Standard Optional

- Auto Restart Function
- Cold Catalyst Filter
- Turbo Mode
- Refrigerant Leakage Detect
- Sleep Mode
- Temp Compensation
- Intelligent Anti-cold-air Function
- Emergency Using Function
- 5 Grades Outdoor Fan Speeds
- Wide Operation Range
- Multi Indoor Fan Speeds
- 1W Standby
- Louver Position Memory Function
- Bio Filter
- Golden Fin
- Silver Ion Filter
- Heating Belt (outdoor)
- Follow Me
- Self-cleaning
- Low Ambient Cooling
- Quiet Design
- Super Plasma
- 8°C Heating
- VitaminC Filter
- Short Cut Function

Specification_ Alps (Super DC Inverter)

Indoor Unit			MS1A-09HRFN1-QRD1W(A)	MS1A-12HRFN1-QRD1W(A)
Outdoor Unit			MOC-09HFN1-QRD1W	MOC-12HFN1-QRD1W
Capacity	Power supply	V~, Hz, Ph	220-240V, 50Hz, 1Ph	220-240V, 50Hz, 1Ph
	Pdesignc	Btu/h	2.9	3.5
		kW	3.1	3.8
	Pdesignh	Btu/h	6.5	6.41
		kW	A++	A++
Performance	SEER (Average)	W/W	4.0	4.1
	Energy Rate	Cooling	A+	A+
	SCOP(Average)	W/W	-10	-10
	Energy Rate	Heating	-15	-15
	Tbivlent	℃	650/520/380	780/600/450
	Tol	℃	54	55
	Air Flow Volume (m3/h)	Indoor	61	62
	Sound Power Noise Level (dB(A))	Indoor(Hi)	830*250*316	830*250*316
		Outdoor	760*590*285	760*590*285
Dimension & Weight & Piping size	Net Dimension (mm)	Indoor (W*H*D)	12/35	12/35
		Outdoor (W*H*D)	920*330*400	920*330*400
	Net Weight (kg)	Indoor/Outdoor	887*645*355	887*645*355
	Packing Dimension (mm)	Indoor (W*H*D)	15/38	15/38
		Outdoor (W*H*D)	Ø6.35	Ø6.35
	Gross Weight (kg)	Indoor/Outdoor	Ø9.53	Ø9.53
	Piping Size (mm(inch))	Liquid	16-24	16-24
		Gas	89/190/207	89/190/207
Applicable area &Stuffing Qulity	Applicable Area (m2)		16-24	16-24
	Stuffing Quantity (Set)	20'/40'/40'HQ	89/190/207	89/190/207

Remark:
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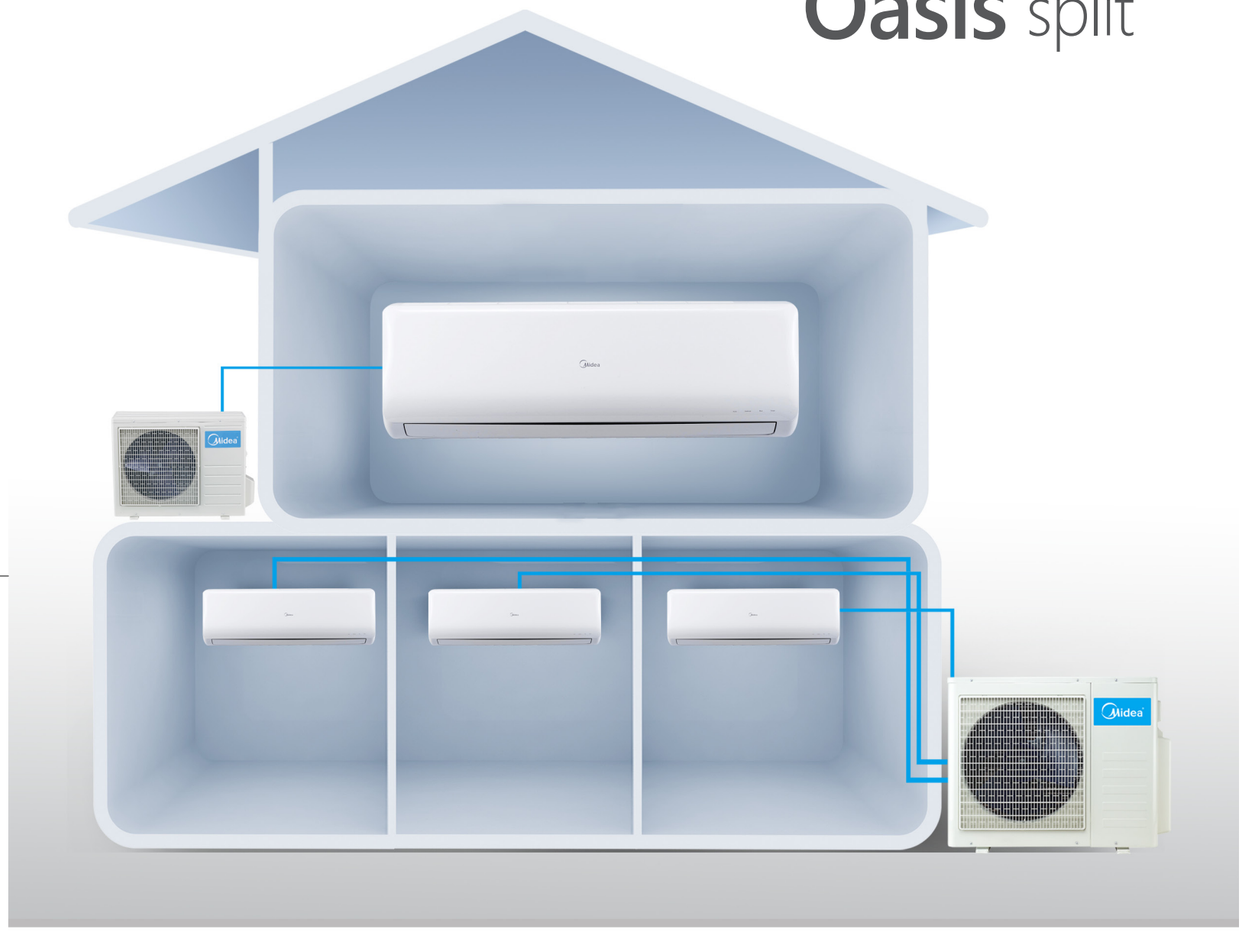
2.The noise level data reflects the level in anechoic chamber .

NEW Fashion Design

Super DC Inverter

SCOP A+

Oasis split



Integrative Design

Base pan and air outlet pan assembly adopt integrated design for easy installation and maintenance.

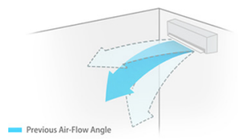
Ionizer (Optional)

Optional

Midea air conditioners takes advantage of Ionizer Technology to bring the refreshing air to your home

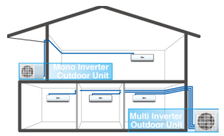
Louver Position Memory Function

When you start the unit next time, the angle of horizontal louver will automatically move to the same position as you set last time.



Mono & Multi Compatible

Compatible indoor unit for both mono and multi inverter system. No complicated process is needed, Only to decide how many indoor units to fit your profit and choose the right outdoor unit to complete your mono and multi split system. It comes in handy for warehouse and stock administration.



Features

Features: Standard Optional

- Louver Position Memory Function
- Auto Restart Function
- Temp Compensation
- 1W Standby
- Refrigerant Leakage Detect
- Mono & Multi * Compatible
- Cold Catalyst Filter
- Multi indoor * fan speeds
- Turbo Mode
- Intelligent Anti-cold-air Function
- 5Grades Outdoor Fan Speeds
- Wide Operation Range
- Emergency Using Function
- Bio Filter
- Golden Fin
- Silver Ion Filter
- Follow Me
- Self-cleaning
- Heating Belt (outdoor)
- Ionizer
- Quiet Design
- VitaminC Filter
- Plasma
- 8°C Heating
- Horizontal & Vertical Auto Swing
- Short Cut Function

Specification_ Oasis (Super DC Inverter)

Indoor Unit			MS11MU-09HRFN1-QRD0W(B)	MS11MU-12HRFN1-QRD0W(B)	MS11MU-18HRFN1-QRC8W	MS11M-09HRFN1-QRD1W(A)	MS11M-12HRFN1-QRD1W(A)
Outdoor Unit			MOC-09HFN1-QRD0W	MOC-12HFN1-QRD0W	MOC-18HFN1-QRC8W	MOC-09HFN1-QRD1W	MOC-12HFN1-QRD1W
Capacity	Power supply	V~, Hz, Ph	220-240V, 50Hz, 1Ph	220-240V, 50Hz, 1Ph	220-240V, 50Hz, 1Ph	220-240V, 50Hz, 1Ph	220-240V, 50Hz, 1Ph
	Pdesignc	kW	2.9	3.7	5.1	2.9	3.7
	Pdesignh	kW	3.0	3.7	5.2	3.2	3.9
Performance	SEER (Average)	W/W	7.0	6.4	6.9	6.9	7.0
	Energy Rate	Cooling	A++	A++	A++	A++	A++
	SCOP(Average)	W/W	4.0	4.0	3.9	4.1	4.1
	Energy Rate	Heating	A+	A+	A	A+	A+
	Tbivlent	°C	-10	-7	-7	-10	-10
	Tol	°C	-15	-15	-15	-15	-15
	Air Flow Volume (m3/h)	Indoor	650/570/420	750/640/510	1150/900/750	750/580/440	1150/940/780
	Sound Power Noise Level (dB(A))	Indoor(Hi)	52	55	57	54	59
		Outdoor	60	65	65	59	61
Dimension & Weight & Piping size	Net Dimension (mm)	Indoor (W*H*D)	750*280*198	835*280*198	990x218x315	835*280*198	990*315*218
		Outdoor (W*H*D)	760*590*285	760*590*285	760*590*285	760*590*285	760*590*285
	Net Weight (kg) Packing Dimension (mm)	Indoor/Outdoor	7/35	9/35	12/36	9/35	11.5/35
		Indoor (W*H*D)	815*350*265	895*350*265	1065x300x400	895*350*265	1065*400*300
		Outdoor (W*H*D)	887*645*355	887*645*355	887*645*355	887*645*355	887*645*355
	Gross Weight (kg)	Indoor/Outdoor	9/37	11/38	14/38.5	11/37	14/38
	Piping Size (mm(inch))	Liquid	Ø6.35	Ø6.35	Ø6.35	Ø6.35	Ø6.35
		Gas	Ø9.53	Ø9.53	Ø12.7	Ø9.53	Ø9.53
Applicable area &Stuffing Qulity	Applicable Area (m2)		16-24	20-30	25-42	16-24	20-30
	Stuffing Quantity (Set)	20'/40'/40'HQ	92/205/242	92/202/235	83/173/208	90/203/239	80/173/199

Remark:
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2.The noise level data reflects the level in anechoic chamber .

DC Inverter SCOP A

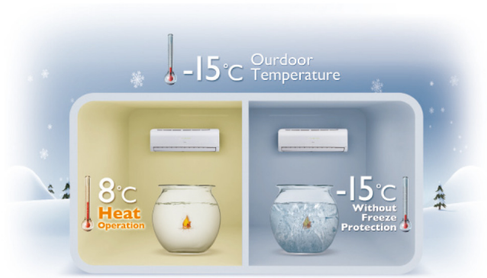
Luna split

Super-Silent Airflow

With up to 12 indoor fan speeds, a more comfortable air flow is provided.With up to 12 indoor fan speeds.

Freeze Protection (8˚C Heating)

In heating operation, the preset temperature of the air conditioner can be as low as 8˚°C, which keeps the room temperature steady at 8°˚C and prevents household from freezing when the house is vacant for a long time in severe cold weather.



Luna Split

Features

Features: Standard Optional

- Auto Restart Function
- Cold Catalyst Filter
- Sleep Mode
- Turbo Mode
- Temp Compensation
- Intelligent Anti-cold-air Function
- Emergency Using Function
- 5Grades Outdoor Fan Speeds
- Wide Operation Range
- Multi indoor * fan speeds
- Mono & Multi * Compatible
- Refrigerant Leakage Detect
- 1W Standby
- VitaminC Filter
- Bio Filter
- Silver Ion Filter
- Low Ambient Cooling
- Ionizer
- Heating Belt (outdoor)
- Self-cleaning
- Golden Fin
- Quiet Design
- Follow Me
- 8°C Heating
- Short Cut Function

Specification_ Luna (DC Inverter)

Indoor Unit			MS9AU-09HRDN1-QRC4W	MS9AU-12HRDN1-QRC4W	MS9AU-18HRDN1-QRC4W	MS9AU-24HRDN1-QRC4W
Outdoor Unit			MOB-09HFN1-QRC4W	MOB-12HFN1-QRC4W	MOC-18HFN1-QRC4W	MOF-24HFN1-QRC4W
Capacity	Power supply	V~, Hz, Ph	220-240V, 50Hz, 1Ph	220-240V, 50Hz, 1Ph	220-240V, 50Hz, 1Ph	220-240V, 50Hz, 1Ph
	Pdesignc	kW	2.8	3.3	5.1	6.6
	Pdesignh	kW	2.8	3.4	5.4	7.2
Performance	SEER	W/W	5.5	5.5	6.1	5.4
	Energy Rate	Cooling	A	A	A++	A
	SCOP	W/W	3.5	3.4	3.4	3.5
	Energy Rate	Heating	A	A	A	A
	Tbivlent	°C	-7	-5	-5	-7
	Tol	°C	-15	-15	-15	-15
	Air Flow Volume (m3/h)	Indoor	450/370/310	550/480/420	900/830/670	1100/1050/900
	Sound Power Noise Level (dB(A))	Indoor(Hi)	54	55	57	63
		Outdoor	64	64	65	67
Dimension & Weight & Piping size	Net Dimension (mm)	Indoor (W*H*D)	710*250*190	790*265*198	920*292*223	998*322*240
		Outdoor (W*H*D)	780*540*250	780*540*250	760*590*285	845*695*335
	Net Weight (kg) Packing Dimension (mm)	Indoor/Outdoor	6.5/29.5	8/29.5	11/35	12.5/50
		Indoor (W*H*D)	770*318*265	875*335*265	1015*368*295	1080*400*320
		Outdoor (W*H*D)	910*585*335	910*585*335	887*645*355	965*755*395
Applicable area &Stuffing Qulity	Gross Weight (kg)	Indoor/Outdoor	8.5/31.5	10/31.5	13.5/37	16/53.5
	Piping Size (mm(inch))	Liquid	Ø6.35	Ø6.35	Ø6.35	Ø9.53
		Gas	Ø9.53	Ø9.53	Ø12.7	Ø15.9
	Applicable Area (m2)		16-24	20-30	28-40	40-56
	Stuffing Quantity (Set)	20'/40'/40'HQ	120/248/282	112/231/259	89/182/215	68/138/165

Remark:
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2.The noise level data reflects the level in anechoic chamber .

DC Inverter SCOP A

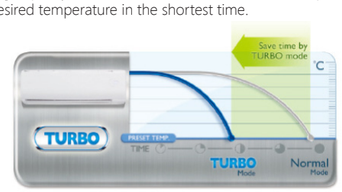
R split

5Grades outdoor fan speeds

Due to the DC fan motor, outdoor fan speeds increased from 2 grades to 5 grades, more comfortable and energy saving.

Turbo Mode

With this function, the air conditioner will maximize the output of cooling or heating capacity, make the room cool down or heat up rapidly, and attain the desired temperature in the shortest time.



Sleep Mode

This function enables the unit to automatically increase (cooling) or decrease (heating) 1˚c per hour for the first two hours, then hold steady for the next 5 hours, after that the unit will stop operation. It can maintain the optimal temperature and save energy.

Features

Features: Standard Optional

- Auto Restart Function
- Cold Catalyst Filter
- Sleep Mode
- Emergency Using Function
- Turbo Mode
- Temp Compensation
- Intelligent Anti-cold-air Function
- Refrigerant Leakage Detect
- 5Grades Outdoor Fan Speeds
- Wide Operation Range
- Multi indoor * fan speeds
- Mono & Multi * Compatible
- 1W Standby
- Heating Belt (outdoor)
- Low Ambient Cooling
- VitaminC Filter
- Golden Fin
- Silver Ion Filter
- Bio Filter
- Follow Me
- Ionizer
- Self-cleaning
- 8°C Heating
- Short Cut Function

Specification_ R (DC Inverter)

Indoor Unit			MSR1U-09HRDN1-QRC4W	MSR1U-12HRDN1-QRC4W	MSR1U-18HRDN1-QRC4W	MSR1U-24HRDN1-QRC4W
Outdoor Unit			MOB-09HFN1-QRC4W	MOB-12HFN1-QRC4W	MOC-18HFN1-QRC4W	MOF-24HFN1-QRC4W
Capacity	Power supply	V~, Hz, Ph	220-240V, 50Hz, 1Ph	220-240V, 50Hz, 1Ph	220-240V, 50Hz, 1Ph	220-240V, 50Hz, 1Ph
	Pdesignc	kW	2.7	3.2	5.0	6.6
	Pdesignh	kW	2.8	3.4	5.1	7.0
Performance	SEER	W/W	5.5	5.4	5.6	5.5
	Energy Rate	Cooling	A	A	A+	A
	SCOP	W/W	3.4	3.4	3.4	3.5
	Energy Rate	Heating	A	A	A	A
	Tbivlent	°C	-7	-5	-6	-7
	Tol	°C	-15	-15	-15	-15
	Air Flow Volume (m3/h)	Indoor	500/450/400	550/440/380	800/750/610	1000/950/810
	Sound Power Noise Level (dB(A))	Indoor(Hi)	54	55	57	63
		Outdoor	64	64	65	67
Dimension & Weight & Piping size	Net Dimension (mm)	Indoor (W*H*D)	710*250*189	790*275*196	930*275*198	1036*315*230
		Outdoor (W*H*D)	780*540*250	780*540*250	760*590*285	845*695*335
	Net Weight (kg) Packing Dimension (mm)	Indoor/Outdoor	6.5/29.5	8/29.5	9/35	12.5/50
		Indoor (W*H*D)	775*324*260	865*350*265	1015*350*265	1135*435*315
		Outdoor (W*H*D)	910*585*335	910*585*335	887*645*355	965*755*395
	Gross Weight (kg)	Indoor/Outdoor	8.5/31.5	10/31.5	11.5/37	18/53.5
	Piping Size (mm(inch))	Liquid	Ø6.35	Ø6.35	Ø6.35	Ø9.53
		Gas	Ø9.53	Ø9.53	Ø12.7	Ø15.9
Applicable area &Stuffing Qulity	Applicable Area (m2)		16-24	20-30	28-40	40-56
	Stuffing Quantity (Set)	20'/40'/40'HQ	111/247/268	108/225/255	91/192/228	64/134/150

Remark:
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2.The noise level data reflects the level in anechoic chamber .

Free Match

M2OA-18HRFN1	One Unit	Two Unit	
	7	7+7	9+9
	9	7+9	9+12
	12	7+12	12+12
	18	7+18	

There should be no more than one cassette or duct or console or ceiling&floor unit; And the 18k indoor unit should only be wall mounted unit.

M3OA-27HRFN1	One Unit	Two Unit		Three Unit		
	7	7+7	9+9	12+18	7+7+7	7+9+9	9+9+12
	9	7+9	9+12		7+7+9	7+9+12	9+12+12
	12	7+12	9+18		7+7+12	7+12+12	
	18	7+18	12+12		7+7+18	9+9+9	

The 18k indoor unit should only be wall mounted unit.

M4OC-36HRDN1	One Unit	Two Unit			Three Unit				
	7	7+7	9+9	12+18	7+7+7	7+9+9	7+12+18	9+9+18	12+12+12
	9	7+9	9+12	18+18	7+7+9	7+9+12	7+18+18	9+12+12	12+12+18
	12	7+12	9+18		7+7+12	7+9+18	9+9+9	9+12+18	12+18+18
	18	7+18	12+12		7+7+18	7+12+12	9+9+12	9+18+18	

Four Unit						
7+7+7+7	7+7+9+9	7+7+12+18	7+9+9+18	7+12+12+12	9+9+9+18	9+12+12+18
7+7+7+9	7+7+9+12	7+7+18+18	7+9+12+12	7+12+12+18	9+9+12+12	12+12+12+12
7+7+7+12	7+7+9+18	7+9+9+9	7+9+12+18	9+9+9+9	9+9+12+18	12+12+12+18
7+7+7+18	7+7+12+12	7+9+9+12	7+9+18+18	9+9+9+12	9+12+12+12	

Outdoor Unit			M20A-18HFN1	M3OA-27HFN1	M4OA-36HFN1
	Dimension & Weight & Piping size	Power supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
		Air Flow Volume	m3/h	2600	2700	5000
		Sound Power Noise Level	dB(A)	62	64	68
		Net Dimension (mm)	W*H*D	845×695×335	895×862×313□□	990×966×354□□
		Packing Dimension (mm)	W*H*D)	965×755×395	1043×915×395	1120×1100×435
		Net / Gross Weight (kg)		48/52	62/67	68/75
		Piping Size (mm(inch))	Liquid	Φ6.4	Φ6.4	Φ6.4
			Gas	Φ9.52	Φ9.52	Φ9.52
		Max. pipe length(each indoor)	m	15	15	15
	Applicable Area (m2) &Stuffing Qulity	Max. height difference (each indoor)	m	10	10	10
		Stuffing Quantity (Set)	20'/40'/40'HQ	100/214/216	62/128/128	50/106/108

Premier		Indoor Unit		MS11PU-09HRFN1-QRD0W	MS11PU-12HRFN1-QRD0W(B)
	Performance	Power supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1
		Rated Cooling capacity	Btu/h	9000	12000
			W	2637	3516
		Rated Heating capacity	Btu/h	10000	13000
			W	2930	3809
		Air Flow Volume (m3/h)	Indoor	750/580/440	750/580/440
		Sound Power Noise Level (dB(A))	Indoor(Hi)	51	51
	Dimension & Weight & Piping size	Net Dimension (mm)	Indoor (W*H*D)	898*298*148	898*298*148
		Packing Dimension (mm)	Indoor (W*H*D)	960*370*250	960*370*250
		Net / Gross Weight (kg)	Indoor	10/13	13/16
		Piping Size (mm(inch))	Liquid	Ø6.35	Ø6.35
			Gas	Ø9.53	Ø9.53
	Applicable Area (m2)	Applicable Area (m2)		16-24	20-30

	Indoor Unit		MS11PU-09HRFN1-QRD0W		
Performance	Combination		9+9	9+9+9	9+9+9+9
	Pdesignc	kW	5.4	8.7	10.6
	Pdesignh	kW	5.8	8.1	11.2
	SEER (Average)	W/W	6.3	7.0	5.8
	Energy Rate	Cooling	A++	A++	A+
	SCOP(Average)	W/W	4.1	3.9	3.9
	Energy Rate	Heating	A+	A	A
	Tbiv	°C	-7	-7	-7
	Tol	°C	-15	-15	-15

Free Match

Oasis	Indoor Unit			MS11MU-07HRFN1-QRD0W	MS11MU-09HRFN1-QRD0W	MS11MU-12HRFN1-QRD0W(B)	MS11MU-18HRFN1-QRC8W
	Performance	Power supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
		Rated Cooling capacity	Btu/h	7000	9000	12000	17000
			W	2637	2637	3516	4981
		Rated Heating capacity	Btu/h	9000	10000	13000	18000
			W	2930	2930	3809	5274
		Air Flow Volume (m3/h)	Indoor	650/570/420	650/570/420	750/640/510	1150/900/750
		Sound Power Noise Level (dB(A))	Indoor(Hi)	52	52	55	57
	Dimension & Weight & Piping size	Net Dimension (mm)	Indoor (W*H*D)	750*280*200	750*280*200	835*280*200	990*315*220
		Packing Dimension (mm)	Indoor (W*H*D)	815*350*265	815*350*265	895*350*265	1065*400*300
		Net / Gross Weight (kg)	Indoor	7/9	7/9	9/11	11.5/14.5
		Piping Size (mm(inch))	Liquid	Ø6.35	Ø6.35	Ø6.35	Ø6.35
			Gas	Ø9.53	Ø9.53	Ø9.53	Ø12.7
	Applicable Area (m2)	Applicable Area (m2)		16-24	16-24	20-30	28-40

Indoor Unit			MS11MU-09HRFN1-QRD0W(B)		
Performance	Combination		9+9	9+9+9	9+9+9+9
	Pdesignc	kW	5.3	8.1	10.7
	Pdesignh	kW	6.2	8.3	11.1
	SEER (Average)	W/W	6.3	6.6	5.9
	Energy Rate	Cooling	A++	A++	A+
	SCOP(Average)	W/W	4.2	3.9	3.9
	Energy Rate	Heating	A+	A	A
	Tbiv	°C	-7	-7	-7
	Tol	°C	-15	-15	-15

Luna	Indoor Unit			MS9AU-09HRDN1-QRC4W	MS9AU-12HRDN1-QRC4W	MS9AU-18HRDN1-QRC4W
	Performance	Power supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
		Rated Cooling capacity	Btu/h	9000	12000	17000
			W	2637	3516	4981
		Rated Heating capacity	Btu/h	10000	13000	17500
			W	2930	3809	5128
		Air Flow Volume (m3/h)	Indoor	450/370/310	550/480/420	900/830/670
		Sound Power Noise Level (dB(A))	Indoor(Hi)	54	55	57
	Dimension & Weight & Piping size	Net Dimension (mm)	Indoor (W*H*D)	710*250*190	790*265*198	920*292*223
		Packing Dimension (mm)	Indoor (W*H*D)	770*318*265	875*335*265	1015*368*295
		Net / Gross Weight (kg)	Indoor	6.5/8.5	8/10	11/13.5
		Piping Size (mm(inch))	Liquid	Ø6.35	Ø6.35	Ø6.35
			Gas	Ø9.53	Ø9.53	Ø12.7
	Applicable Area (m2)			16-24	20-30	28-40

Indoor Unit			MS9AU-09HRDN1-QRC4W		
Performance	Combination		9+9	9+9+9	9+9+9+9
	Pdesignc	kW	5.02	7.95	10.156
	Pdesignh	kW	5.08	7.65	10.628
	SEER (Average)	W/W	5.68	5.98	5.92
	Energy Rate	Cooling	A+	A+	A+
	SCOP(Average)	W/W	3.45	3.53	3.44
	Energy Rate	Heating	A	A	A
	Tbiv	°C	-7	-7	-7
	Tol	°C	-15	-15	-15

Free Match

R	Indoor Unit			MSR1U-09HRDN1-QRC4W	MSR1U-12HRDN1-QRC4W	MSR1U-18HRDN1-QRC4W
	Performance	Power supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
		Rated Cooling capacity	Btu/h	9000	12000	17000
			W	2637	3516	4981
		Rated Heating capacity	Btu/h	10000	13000	17500
			W	2930	3809	5128
		Air Flow Volume (m3/h)	Indoor	450/370/310	550/480/420	900/830/670
		Sound Power Noise Level (dB(A))	Indoor(Hi)	51	55	59
	Dimension & Weight & Piping size	Net Dimension (mm)	Indoor (W*H*D)	710*250*189	790*275*196	930*275*198
		Packing Dimension (mm)	Indoor (W*H*D)	775*324*260	865*350*265	1015*350*265
		Net / Gross Weight (kg)	Indoor	6.5/8.5	8/10	9/11.5
		Piping Size (mm(inch))	Liquid	Ø6.35	Ø6.35	Ø6.35
			Gas	Ø9.53	Ø9.53	Ø12.7
	Applicable Area (m2)			16-24	20-30	28-40

Indoor Unit			MSR1U-09HRDN1-QRC4W		
Performance	Combination		9+9	9+9+9	9+9+9+9
	Pdesignc	kW	5.02	7.97	10.09
	Pdesignh	kW	5.11	7.69	10.54
	SEER (Average)	W/W	5.68	5.98	5.92
	Energy Rate	Cooling	A+	A+	A+
	SCOP(Average)	W/W	3.45	3.53	3.44
	Energy Rate	Heating	A	A	A
	Tbiv	℃	-7	-7	-7
	Tol	℃	-15	-15	-15

Compact Round Flow Cassette	Indoor Unit			MCA2I-07HRFN1-QRC8W	MCA2I-09HRFN1-QRC8W	MCA2I-12HRFN1-QRC8W	MCA2I-18HRDN1-Q
	Performance	Power supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
		Rated Cooling capacity	Btu/h	7000	9000	12000	17000
			W	2050	2637	3516	4981
		Rated Heating capacity	Btu/h	8000	10000	13000	17500
			W	2345	2930	3809	5128
		Air Flow Volume (m3/h)	Indoor	510	580	580	750
		Sound Power Noise Level (dB(A))	Indoor(Hi)	52	52	52	54
	Dimension & Weight & Piping size	Net Dimension (mm)	Body (W×H×D)	570*260*570	570*260*570	570*260*570	570*260*570
			Panel (W×H×D)	647*50*647	647*50*647	647*50*647	647*50*647
		Packing Dimension (mm)	Body (W×H×D)	655*290*655	655*290*655	655*290*655	655*290*655
			Panel (W×H×D)	715*123*715	715*123*715	715*123*715	715*123*715
		Net / Gross Weight (kg)	Body	16/19	16/19	17/20	18/20.5
			Panel	2.5/4.5	2.5/4.5	2.5/4.5	2.5/4.5
		Piping Size (mm(inch))	Liquid	Ø6.35	Ø6.35	Ø6.35	Ø6.35
			Gas	Ø9.53	Ø9.53	Ø9.53	Ø12.7
	Applicable Area (m2)			10-17	16-24	20-30	28-40

Duct	Indoor Unit			MTBI-07HRFN1-QRC8W	MTBI-09HRFN1-QRC8W	MTBI-12HRFN1-QRC8W	MTBI-18HWDN1-Q
	Performance	Power supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
		Reted Cooling Capacity	Btu/h	7000	9000	12000	17000
			W	2050	2637	3516	4981
		Reted Cooling Capacity	Btu/h	8000	10000	13000	17500
			W	2345	2930	3809	5128
		Air Flow Volume (m3/h)	Indoor	800	800	800	1000
		Sound Power Noise Level (dB(A))	Indoor(Hi)	50	50	50	57
		Static Pressure	Pa	40	40	40	70
	Dimension & Weight & Piping size	Net Dimension (mm)	Indoor (W*H*D)	700x210x635	700x210x635	700x210x635	920x210x635
		Packing Dimension (mm)	Indoor (W*H*D)	915x290x655	915x290x655	915x290x655	1135x290x655
		Net / Gross Weight (kg)	Indoor	19.5/24.5	19.5/24.5	19.5/24.5	23/29
		Piping Size (mm(inch))	Liquid	Ø6.35	Ø6.35	Ø6.35	Ø6.35
			Gas	Ø9.53	Ø9.53	Ø9.53	Ø12.7
	Applicable Area (m2)	Applicable Area (m2)		10-17	16-24	20-30	28-40

UNIVERSAL Outdoor Unit

24K Btu/h

30K Btu/h

36K Btu/h

Universal outdoor unit(Super DC Inverter)

Outdoor Unit		MOU-18HFN1-QRC4	MOU-24HFN1-QRC4	MOU-36HFN1-QRC4	MOU-36HFN1-RRC4
Power Supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	380-415, 50, 3
Air Flow Volume	m3/h	2500	3500	5500	5500
Sound Power Noise Level	dB(A)	65	69	69	70
Net Dimension (mm)	W*H*D	842×695×334	895×862×313□□	990×966×354□□	990×966×354□□
Net Weight (kg)		44	59	73	77
Packing Dimension (mm)	W*H*D)	965×755×395	1043×915×395	1120×1100×435	1120×1100×435
Gross Weight (kg)		47	63	83	87
Piping Size (mm(inch))	Liquid	Φ6.4	Φ9.5	Φ9.5	Φ9.5
	Gas	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Max. pipe length	m	40	50	60	60
Max. height difference	m	20	25	30	30
Stuffing Quantity (Set)	20'/40'/40'HQ	100/214/216	62/128/128	50/106/108	50/106/108

Remark:
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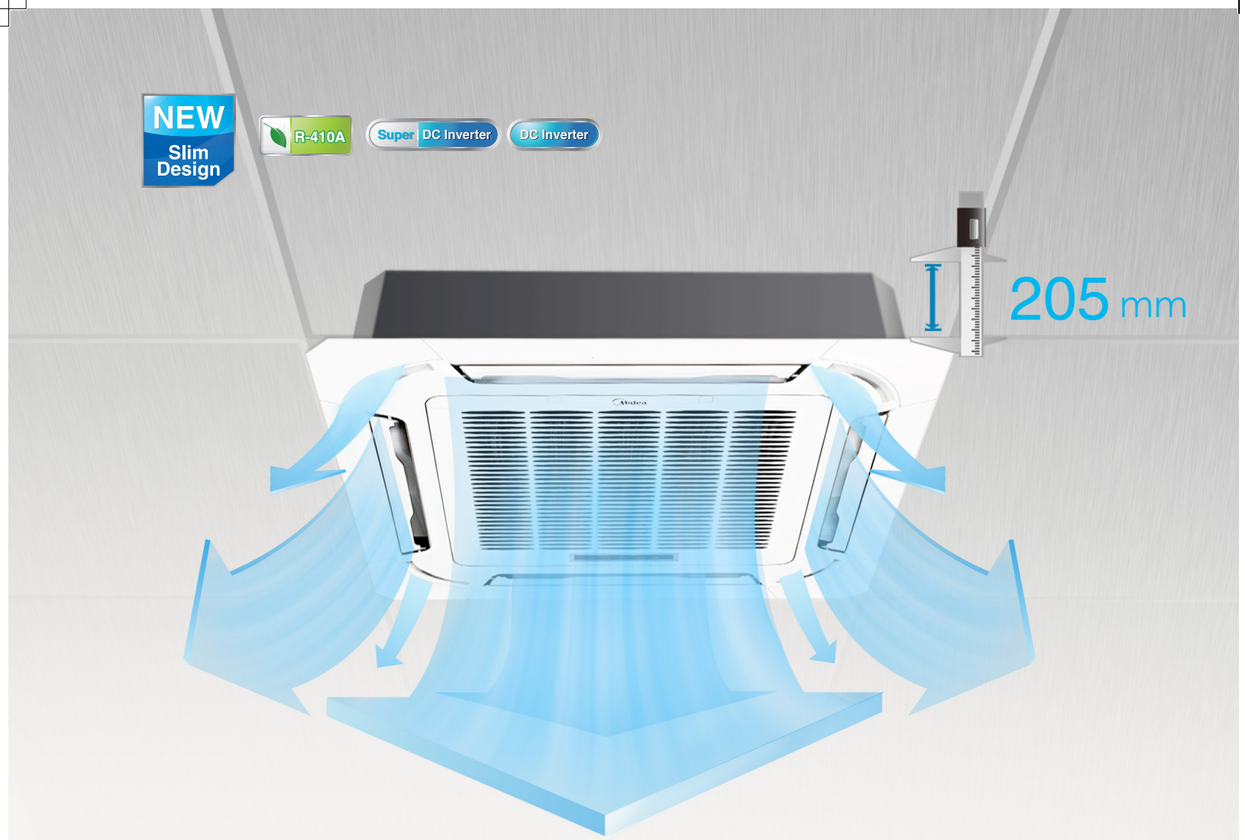


Super Slim Round Flow Cassette

Touch Screen Wired Controller (Optional)

Optional

Standard high-end touch screen wired controller with failure indication. A more user friendly interface is possible.

Lifting Easy-Clean & 360° Air flow Panel

Optional

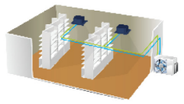
The removeable lifting panel makes the clean process much easier. With 360° flow system, the unit distributes comfort to every corner of the room. Tt is only 205mm in height, while the conventional model is 230mm.

Reserved Remote on-off and Alarm Ports

Remote On/Off: With the reserved ports, a remote switch can be easily connected to realize remote control.
Alarm: The built in PCB can output alarm signal,which achieve setting up an external alarm light or vibration gauge possible.

Twin Combination

The units can be installed as Twin systems: one outdoor unit can connect with two indoor units. The indoor units can be combined in any of the different available ratings.



Independent Vane Control

Optional

If the airflow direction needs to be changed as a result of an altered room layout or due to the mode selected,the air direction of each vane can be set independently using the wired remote controller.

Features

Features: Standard Optional

- Auto Restart Function
- Sleep Mode
- Slim Design
- Fashion Design
- Timer
- Wide Operation Range
- Wide-angle Air flow
- Air Flow Panel
- Built-in Drain Pump
- 5Grades Outdoor Fan Speeds
- Follow Me
- Built-in Drain Pump
- Low Ambient Cooling
- Wired Controller
- Optional Color Panels
- Fresh Air

Specification_Super Slim Round Flow Cassette (Super DC Inverter)

Indoor Unit			MCD-18HRFN1-QRC4	MCD-24HRFN1-QRC4	MCD-36HRFN1-QRC4	MCD-36HRFN1-QRC4
Outdoor Unit			MOU-18HFN1-QRC4	MOU-24HFN1-QRC4	MOU-36HFN1-QRC4	MOU-36HFN1-RRC4
Capacity	Power supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 3
	Pdesignc	kW	5.3	7.1	10.5	10.5
	Pdesignh	kW	5.6	6.2	5.7	5.4
	SEER (Average)	W/W	A+	A++	A+	A
Performance	Energy Rate	Cooling	5.3	7.8	8.9	9.2
	SCOP(Average)	W/W	3.4	3.7	3.4	3.4
	Energy Rate	Heating	A	A	A	A
	Tbivlent	°C	-5	-7	-7	-7
	Tol	°C	-15	-15	-15	-15
	Air Flow Volume	m3/h	1150/950/800	1250/1050/900	1950/1650/1400	1950/1650/1400
	Sound Power Noise Level	dB(A)	58	59	64	65
	Net Dimension (mm)	Body (W×H×D)	840×205×840	840×205×840	840×245×840	840×245×840
		Panel (W×H×D)	950×55×950	950×55×950	950×55×950	950×55×950
Dimension & Weight & Piping size	Net Weight (kg)	Body	22	22	25	25
		Panel	6	6	6	6
	Packing Dimension (mm)	Body (W×H×D)	900×225×900	900×225×900	900×265×900	900×265×900
		Panel (W×H×D)	1035×90×1035	1035×90×1035	1035×90×1035	1035×90×1035
	Gross Weight (kg)	Body	25	26	29	29
		Panel	9	9	9	9
	Piping Size (mm)	Liquid	Φ6.4	Φ9.5	Φ9.5	Φ9.5
		Gas	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Applicable area &Stuffing Qulity	Applicable Area	m2	21-35	28-47	42-70	42-70
	Stuffing Quantity (Set)	20'/40'/40'HQ	48/100/106	36/82/87	30/66/76	30/66/76

Remark:
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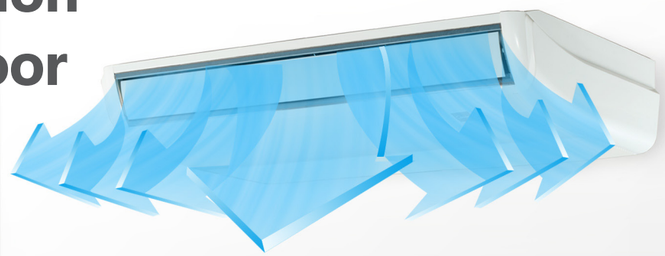
R-410A DC Inverter

3rd generation ceiling & floor



Swing Torsion Angles

The unit has auto horizontal swing and auto vertical swing function, which supplies more even and comfortable airflow.

Flexible Installation

The unit can be installed either horizontally on the ceiling or vertically against the wall.

Fresh Air Intake

Fresh air fulfills air quality healthier and more comfortable.

Universal parts for whole series

More than 60% parts and assemblies (such as fan wheel, plastic cases, metal parts and etc.) are universal for 3 different bodies, which makes the production and maintenance much easier
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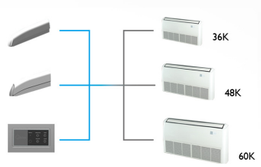

Features

Features: Standard Optional

- Auto Restart Function
- Timer
- Sleep Mode
- 5Grades Outdoor Fan Speeds
- Horizontal & Vertical Auto Swing
- Low Ambient Cooling
- Follow Me
- Fresh Air
- Wired Controller
- Built-in Drain Pump
- Optional Connection Ways

Specification_3rd Generation Ceiling & Floor (Super DC Inverter)

Indoor Unit			MUE-18HRFN1-QRC4	MUE-24HRFN1-QRC4	MUE-36HRFN1-QRC4	MUE-36HRFN1-QRC4
Outdoor Unit			MOU-18HDN1-QRC4	MOU-24HFN1-QRC4	MOU-36HFN1-QRC4	MOU-36HFN1-RRC4
Capacity	Power supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 3
	Pdesignc	kW	5.3	7.1	10.5	10.7
	Pdesignh	kW	5.6	5.6	5.7	5.8
Performance	SEER (Average)	W/W	A+	A+	A+	A+
	Energy Rate	Cooling	5.3	7.6	9.5	9.5
	SCOP(Average)	W/W	3.6	3.6	3.4	3.4
	Energy Rate	Heating	A	A	A	A
	Tbivlent	°C	-6	-7	-7	-7
	Tol	°C	-15	-15	-15	-15
	Air Flow Volume	m3/h	900/750/600	1300/1100/950	1850/1650/1450	1850/1650/1450
	Sound Power Noise Level	dB(A)	56	62	63	63
Dimension & Weight & Piping size	Net Dimension (mm)	W×H×D	1068×235×675	1068×235×675	1285*235*675	1285*235*675
	Net Weight	kg	25	25	30	30
	Packing Dimension (mm)	W×H×D	1145*313*755	1145*313*755	1360*313*755	1360*313*755
	Gross Weight	kg	30	30	35	35
	Piping Size (mm)	Liquid	Φ6.4	Φ9.5	Φ9.5	Φ9.5
		Gas	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Applicable area &Stuffing Qulity	Applicable Area	m2	21-35	28-47	42-70	42-70
	Stuffing Quantity (Set)	20'/40'/40'HQ	50/100/119	40/86/92	32/67/79	30/67/74

Remark:
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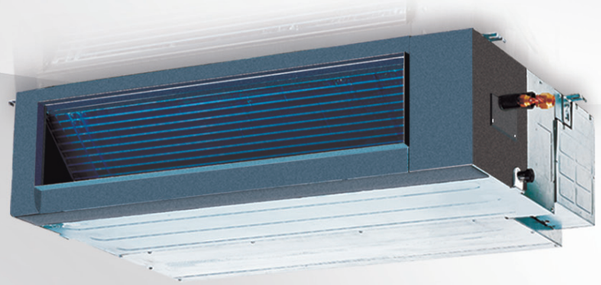
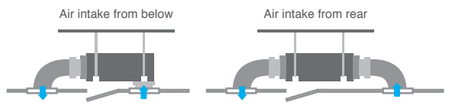
R-410A | Super DC Inverter | DC Inverter | ON/OFF



Duct

Flexible Air Intake Ways

Air inlet from back 0.5 standard and from bottom 0.5 optional. The size of the plate from bottom and flange from back is the same, it's easy for installer to change the air inlet from back to bottom.



Optional Accessories

Optional accessories are available to meet different needs of the customers and enhance the performance of the unit.

Filter

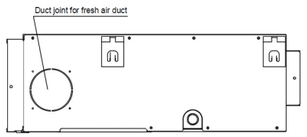
Panel

Front board

Canvas air passage

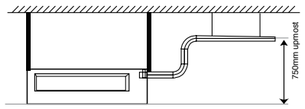
Fresh Air

Fresh air hole as standard, it's easy to connect with air ppassage.



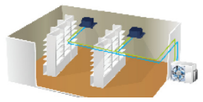
Built-in Drain Pump (optional)

The drain pump can lift the condensing water up to 750mm upmost.



Twin Combination

The units can be installed as Twin systems: one outdoor unit can connect with two indoor units. The indoor units can be combined in any of the different available ratings.



Features

Features: Standard Optional

- Auto Restart Function
- Timer
- Sleep Mode
- 5Grades Outdoor Fan Speeds
- Low Ambient Cooling
- Built-in Drain Pump
- Follow Me
- Fresh Air

Specification_ Duct (Super DC Inverter)

Indoor Unit		MTB-18HWFN1-QRC4	MTB-24HWDN1-QRC4	MTB-36HWFN1-QRC4	MTB-36HWFN1-QRC4
Outdoor Unit		MOU-18HFN1-QRC4	MOU-24HDN1-QRC4	MOU-36HFN1-QRC4	MOU-36HFN1-RRC4
	Power supply	V~, Hz, Ph	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 3
Capacity	Pdesignc	kW	5.3	7.1	10.5	10.5
	Pdesignh	kW	5.8	5.6	5.1	5.1
Performance	SEER (Average)	W/W	A+	A+	A	A
	Energy Rate	Cooling	5.3	7.7	8.9	9.5
	SCOP(Average)	W/W	3.4	3.4	3.4	3.4
	Energy Rate	Heating	A	A	A	A
	Tbivlent	°C	-5	-7	-7	-7
	Tol	°C	-15	-15	-15	-15
	Air Flow Volume	m3/h	850	1150	1850	1850
	Static Pressure	Pa	70	70	80	80
	Sound Power Noise Level	dB(A)	59	59	64	65
Dimension & Weight & Piping size	Net Dimension (mm) Net Weight	W×H×D	920×210×635	920×270×635	1140×270×775	1140×270×775
		kg	22	26.5	35	35
	Packing Dimension (mm) Gross Weight	W×H×D	1135×290×655	1135×350×655	1355×795×350	1355×795×350
		kg	27	31.5	42	42
	Piping Size (mm)	Liquid	Φ6.4	Φ9.5	Φ9.5	Φ9.5
		Gas	Φ12.7	Φ15.9	Φ15.9	Φ15.9
Applicable area & Stuffing Qulity	Applicable Area	m2	21-35	28-47	42-70	42-70
	Stuffing Quantity (Set)	20'/40'/40'HQ	55/115/132	39/82/95	27/57/67	27/57/67

Remark:
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2.The noise level data reflects the level in anechoic chamber .

NEW Fashion Design

PD Portable

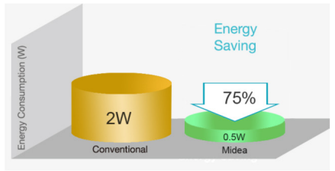
Electronic control panel

Easy-to-operate light touch buttons with easy recognizable icons and LED display.

New Energy Efficiency

Class A

0.5W standby



Midea new air conditioners save your money even when it is off.
Intelligent on-off technology enables Midea products automatically enter energy-saving mode when on standby mode, cut energy consumption from conventional 2W to 0.5W which counts 75% of saving.

Follow me (Optional)

With this technology, a temperature sensor is built in the remote controller. When you stay close to the remote controller, the unit will automatically change the operation mode to supply comfortable temperature just like the air conditioner is following you.

Self-evaporative System

Principle:

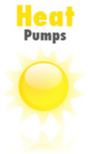
Shaded pole motor drives a wheel to agitate condensate t condenser.

Advantages:

Automatically recycle condensate of evaporator within the machine, no need water bucket
Bring more cooling power and improve cooling efficiency.

Heat pump function

Heating pump system is an excellent alternative to the traditional electrical heating system, as the former can proVida more heating capacity and is more efficient.
Moreover, thanks to the air circulating fast throughout the room, this heating system guarantees comfort much more quickly.



Use all year long with built-in heat pump that produces 2050W(9k model) and 2930W(12K model) of heating power.
Cool in the summer, and heat in the winter!

Features

Features: Standard Optional

- Auto Restart Function
- Auto Swing
- Omni-directional Caster
- Flexible Installation Kit
- Self-evaporative System
- Washable Filter
- Timer
- Sleep Mode
- Self-diagnosis and Auto-protection
- Follow Me
- Ionizer
- Sleep Mode

Specification_PD Serise

		MPPD-09CRN1-QB6	MPPD-09ERN1-QB6	MPPD-09HRN1-QB6	MPPD-12CRN1-QB6	MPPD-12ERN1-QB6	MPPD-12HRN1-QB6
Cooling Capacity	Btu/h	2.68	2.68	2.68	3.57	3.57	3.45
Heating Capacity	Btu/h	N/A	1.75	2.42	N/A	1.75	3.14
Power Supply(V~,Hz,Ph)		220-240,50, 1	220-240,50, 1	220-240,50, 1	220-240,50, 1	220-240,50, 1	220-240,50, 1
Power Input (W)	Cooling	940	940	940	1300	1300	1306
	Heating	N/A	1750	806	N/A	1750	1070
Operating Current (A)	Cooling	4.09	4.09	4.09	5.66	5.66	5.68
	Heating	N/A	7.61	3.51	N/A	7.61	4.66
EER (W/W)		2.85	2.85	2.85	2.75	2.75	2.64
Energy Rate		A	A	A	A	A	A
COP (W/W)		/	/	3.0	/	/	2.93
Energy Rate		/	/	A+	/	/	A+
Moisture Removal	l/h	1.0	1.0	1.0	1.2	1.2	1.2
Air Flow Volume (m3/h)		370	370	370	370	370	370
Sound Power Level (dB(A))	Hi Speed	64	64	64	65	65	65
Net Dimension (mm)	(W*D*H)	467*397*765	467*397*765	467*397*765	467*397*765	467*397*765	467*397*765
Packing Dimension (mm)	(W*D*H)	517*437*862	517*437*862	517*437*862	517*437*862	517*437*862	517*437*862
Net /Gross Weight (kg)		32 / 35.5	33/ 36.5	32.5/ 36	33.5/37	34.5/38	34/37.5
Applicable Area (m2)		13-22	13-22	13-22	18-29	18-29	18-29
Stuffing Quantity (Set)	20'/40'HQ	114/354	114/354	114/354	114/354	114/354	114/354

Remark:
1.The above design and specifications are subject to change of product improvement without prior notice .
2.The noise level data reflects the level in anechoic chamber .

DG Dehumidifier

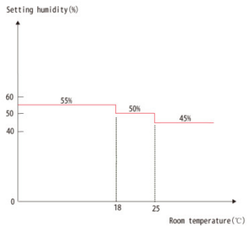
Large capacity tank

3L for small size, 4.7L for big size.
Visible water level.
Tank control system:
the unit automatically stops when the water tank is full.

Smart Dehumidifying

Optional

Automatically control room humidity in a comfortable range 45%~55% according to room temperature, prevent bacterial growth.



Dryer Mode

Optional

Intelligent dryer mode to dry up clothes quickly.

Features

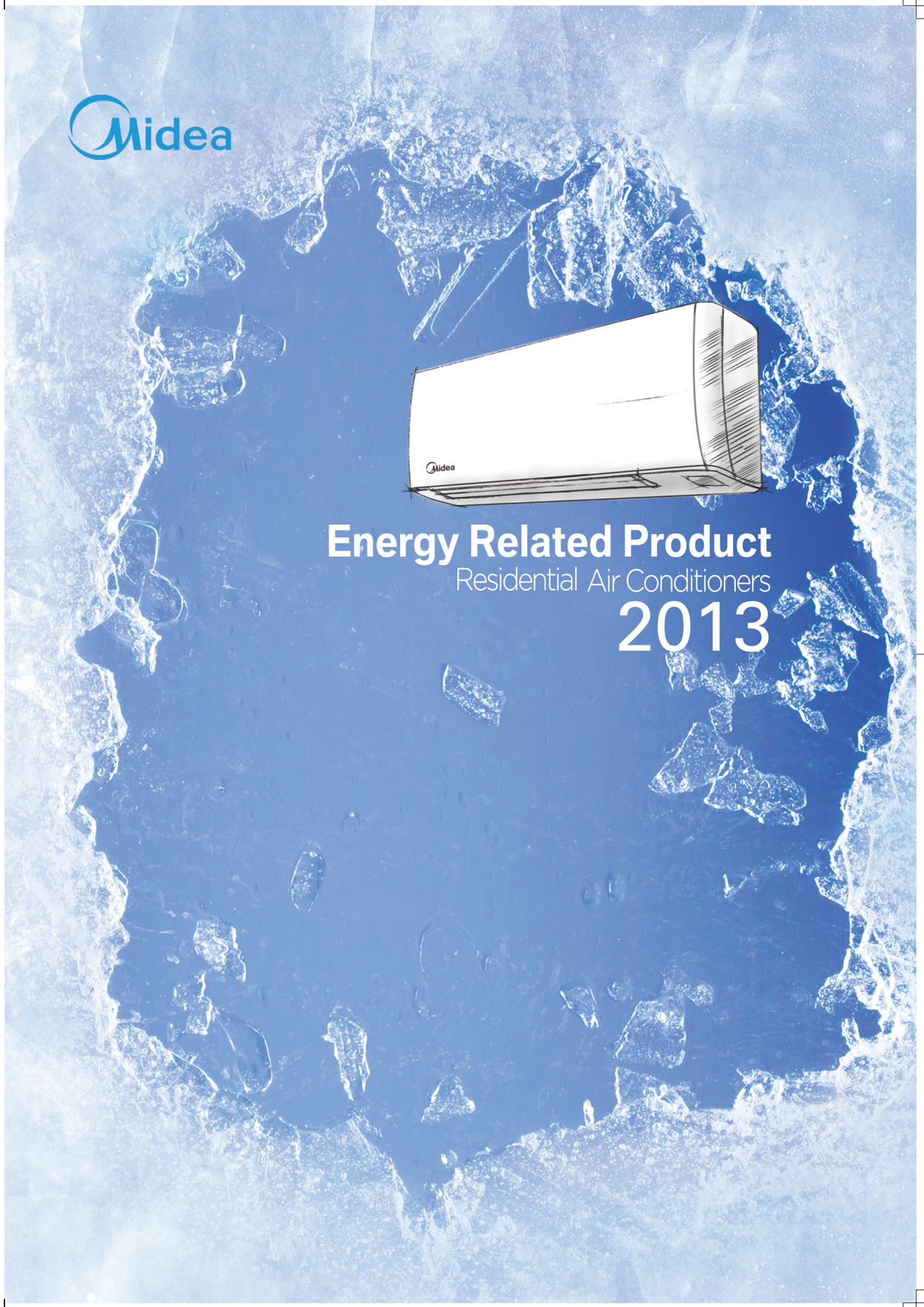
Features: Standard Optional

- Auto Restart Function
- Auto Defrosting
- Powerful Dehumidification
- Semi-hidden Caster
- Timer
- LED Display
- Self-diagnosis and Auto-protection
- Ionizer

Specification_DG Series

		MDDG-10DEN3-QA3	MDDG-16DEN3-QA3	MDDG-20DEN3-QA3	MDDG-30DEN3-QA3	MDDG-30DEN3-QA3L
Moisture Removal(L/day)	30°C,RH80%	10	16	20	30	30
Power Supply(V~,Hz,Ph)		220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1	220-240, 50, 1
Power Input (W)	30°C,RH80%	285	375	400	635	635
Operating Current (A)	30°C,RH80%	1.57	1.75	1.85	3.3	3.3
Air Flow Volume (m3/h)		195	195	195	215	215
water tank volume	L	3	3	3	4.7	4.7
Noise Level (dB(A))	(Hi/Lo)	50/46.5	50/46.5	50/46.5	50/48	50/48
Net Dimension (mm)	(W*D*H)	350*230*510	350*230*510	350*230*510	400*254*562	400*254*562
Packing Dimension (mm)	(W*D*H)	390*280*530	390*280*530	390*280*530	432*286*581	432*286*581
Net /Gross Weight (kg)		11.5 / 12.5	12/13	12/13	15.5/16.5	15.5/16.5
Applicable Area (m2)		16-31	29-44	37-52	58-73	58-73
Stuffing Quantity (Set)	20'/40'HQ	464/1235	464/1235	464/1235	327/890	327/890

Remark:
1.The above design and specifications are subject to change of product improvement without prior notice .
2.The noise level data reflects the level in anechoic chamber .



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